

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Vaikko P. Allen II et al.

Serial No.:

10/664,376

Filed:

September 17, 2003

For:

APPARATUS FOR SEPARATING FLOATING AND NON-FLOATING

PARTICULATE FROM A FLUID STREAM

Examiner:

Fred G. Prince

Art Unit:

1724

Docket No.

`VOR-002

Paper No. 13

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted in accordance with the duty of disclosure under 37 C.F.R. 1.56.

USPTO Form SB-08A (two sheets) and, for the Examiner's convenience, complete copies of the 10 non-US references cited in Form SB-08A, are included herewith. Copies of translations of the FR2536672 and FR2694748 references are also included herewith. Pursuant to current rules, copies of the US references have not been provided herewith.

USPTO Form SB-08B (one sheet) and, for the Examiner's convenience, copies of the five non-patent literature references cited in Form SB-08B, are included herewith. A copy of a translation of the DeCool document is also included herewith.

Pursuant to 37 C.F.R. § 1.97, Applicants state that each item of information contained in this Information Disclosure Statement is being cited upon entry of a Request for Continued Examination and therefore prior to receipt of the first office action. No fee is required.

Applicants do not intend to represent that any of the documents submitted herein is material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicants respectfully request that the documents submitted herein be considered and made of record in this application.

Thank you for your attention to this matter.

Respectfully submitted,

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lun a. Caseis

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I hereby certify that this correspondence is being transmitted to Mail Stop RCE,
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<u>►D 595996093 US</u> . It is hereby requested that this communication and the
accompanying documents be assigned a filing date of $J_{N}V_{Q}$, 2005.
Clim a. Caser

Chris A. Caseiro

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known						
Application Number	10/664,376					
Filing Date	9/17/2003					
First Named Inventor	Vaikko Allen					
Art Unit	1724					
Examiner Name	Fred Prince					
Attorney Docket Number	VOR-002					

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US- 6783683	08-31-2004	Collings	, , , , , , , , , , , , , , , , , , ,
	 	^{US-} 6705049	03-16-2004	Esmond et al.	
	 	US- 6641720	11-04-2003	Crompton et al.	
	 	US- 6547962	04-15-2003	Kistner et al.	
	 	^{US-} 6478954	11-12-2002	Turner, Jr. et al.	
	+	US- 6428692	08-06-2002	Happel	
		US- 6371690	04-16-2002	Monteith	
		US- 6315899	11-13-2001	Hernandez	
		^{US-} 6190545	02-20-2001	Williamson	
		^{US-} 6120684	09-19-2000	Kistner et al.	
		US- 5849181	12-15-1998	Monteith	
		^{US-} 5814216	09-29-1998	Filion	
		^{US-} 5746912	05-05-1998	Monteith	
		US- 5543038	08-06-1996	Johannessen	
		US- 5520825	05-28-1996	Rice	
		US- 5505860	04-09-1996	Sager	
		^{US-} 5405539	04-11-1995	Schneider	
		^{US-} 5403474	04-04-1995	Emery	
		^{US-} 5372714	12-13-1994	Logue, Jr.	

		FORE	IGN PATENT DOCU	JMENTS		
Examiner Cite	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		WO04/103520	12-02-2004	Ergalia		
		WO03/031730	04-17-2003	Blueport Nom		
		AU2002301132	02-27-2002	DH Environment		Г
		WO02/04754	01-17-2002	Central Moreton		
		WO99/42409	08-26-1999	Emschergenossen		
		FR2536672	06-01-1984	Chaudofrance		

Examiner	Date	,
Signature	Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/664,376 Filing Date 9/17/2003 INFORMATION DISCLOSURE First Named Inventor Vaikko Allen STATEMENT BY APPLICANT Art Unit 1724 (Use as many sheets as necessary) **Examiner Name** Fred Prince **VOR-002** Attorney Docket Number Sheet |2

Examiner Cite Initials* No.		Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		^{US-} 5322629	06-21-1994	Stewart		
		^{US-} 5298176	03-29-1994	Schloss		
		US- 5232587	08-03-1993	Hegemier et al.		
		^{US-} 5216974	06-08-1993	Gordon, Sr.		
		^{US-} 5133619	07-28-1992	Murfae et al.		
		^{US-} 4983295	01-08-1991	Lamb et al.	-	
		^{US-} 4747962	05-31-1988	Smisson		
		^{US-} 4551247	11-05-1985	Borchert et al.		
		^{US-} 4517091	05-14-1985	Yamanaka et al.		
		^{US-} 4400274	08-23-1983	Protos		
		^{US-} 4328101	05-04-1982	Broden		
		^{US-} 4127488	11-28-1978	Bell et al.		
		^{US-} 3862040	01-21-1975	Preus et al.		
		^{US-} RE30793	11-10-1981	Dunkers		
		US- 2004/0055950	03-25-2004	Bryant		
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			GN PATENT DOCU	MENTS		
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		EP79302155.1	04-30-1980	Dorr-Oliver Inc		
		GB2127319	04-11-1984	Swain Plastics		
		GB18285	11-11-1915	Weiss		
,		FR2694748	02-18-1994	Michel		
		100000000000000000000000000000000000000				
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Examiner	Date	
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Substitute for form 1449/PTO			or or rood, the persons an	Complete if Known		
Substitute for form 1443/110				Application Number	10/664,376	
INF	ORMATION	DIS	CLOSURE	Filing Date	9/17/2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Vaikko Allen	
44.				Art Unit	1724	
(Use as many sheets as necessary)		Examiner Name	Fred Prince			
Sheet	1	of	1	Attorney Docket Number	VOR-002	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DECOOL, J., Un separateur lamellaire vertical pour l'epuration des eaux de ruissellement, L'Eau, L'Industrie, Les Nuisances, Oct 1983, pp 55-57, No. 77, Societe P. Johanet	
		Aquarius Services & Technologies company website www.aquarius-h2o.com, technical description of DLC separator, 4 pp, original publication date unknown	
		James Hardie FRC Pipes company technical brochure, Q-Guard Stormwater Treatment Device - Series X; copr 2002; references 2 patent documents	
		MARSALEK, J., Laboratory Testing of Stormceptor I, paper, May, 1993, 35 pp, National Water Research Institute, Burlington, Ontario, Canada	
		MARSALEK, J., LONG, R., DOEDE, D., Laboratory Testing of Stormceptor II, paper, October, 1994, 38 pp, National Water Research Institute, Burington, Ontario, Canada	

Examiner	Date	
Signature	Consid	ered

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